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## (FILE 'HOME' ENTERED AT 15:46:49 ON 17 OCT 2003)

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FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, CANCERLIT, JAPIO' ENTERED AT 15:47:16 ON 17 OCT 2003 L1 0 S (ENDOGENEOUS LACTOFERRIN) L2 17843 S LACTOFERRIN? 1670 S L2 AND ENDOGENOUS? L3 44 S L3 AND BOWEL? L4 43 S L4 AND INFLAMMAT? L5 40 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED) L622 S L6 AND ANTIBOD? L7 2 S L7 AND POLYCLO? rs

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     on STN
     96014844 EMBASE
AN
     1996014844
DN
     Distribution of lactoferrin and 60/65 kDa heat shock protein in
ΤI
     normal and inflamed human intestine and liver.
     Peen E.; Enestrom S.; Skogh T.
AU
     Department Internal Medicine B, Haukeland Hospital, N-5021 Bergen, Norway
CS
     Gut, (1996) 38/1 (135-140).
SO
     ISSN: 0017-5749 CODEN: GUTTAK
CY
     United Kingdom
     Journal; Article
DT
             General Pathology and Pathological Anatomy
FS
             Immunology, Serology and Transplantation
             Clinical Biochemistry
     029
     048
             Gastroenterology
     English
LΑ
     English
SL
     Immunisation against the mycobacterial heat shock protein (hsp-65) has
AB
     been proposed to lead to production of autoantibodies against human
     lactoferrin. Such antibodies occur in ulcerative colitis
     and in primary sclerosing cholangitis. This study analysed the
     distribution of hsp-65 and lactoferrin in biopsy specimens from
     patients with inflammatory bowel disease and primary
     sclerosing cholangitis and studied whether immunisation against
     mycobacterial hsp-65 resulted in production of antilactoferrin
     antibodies and vice versa. Polyclonal rabbit antihuman
     lactoferrin and monoclonal mouse anti-hsp-65 (ML30) were used for
     immunohistochemistry on biopsy specimens from patients with
     inflammatory bowel disease and primary sclerosing
     cholangitis. Rats were immunised against human lactoferrin and
     mycobacterial hsp-65 respectively. Antibody measurements were
     done by enzyme immunosorbent assays. It was found that lactoferrin
     and hsp-60/65 were not codistributed. Lactoferrin was found on
     vascular endothelium and in nonparenchymal liver cells both in inflamed
     and uninflamed tissues, but only in the hepatocytes of inflamed Liver.
     ML30 reactivity was not inhibited by antilactoferrin antibodies.
     Rat anti-hsp-65 serum had no detectable antilactoferrin antibodies
     . In conclusion, antilactoferrin antibodies probably do not
     arise by immunisation against mycobacterial hsp-65. Both nonparenchymal
     cells and hepatocytes probably participate in clearance of
     lactoferrin. Endothelial exposure of lactoferrin may
     have pathogenic implications in diseases with antilactoferrin
     autoantibodies.
CT
     Medical Descriptors:
     *enteritis: ET, etiology
     *sclerosing cholangitis: ET, etiology
     article
     autoimmunity
     controlled study
     crohn disease: ET, etiology
     human
     human tissue
     immunohistochemistry
     intestine biopsy
     priority journal
     ulcerative colitis: ET, etiology
     etiology
     Drug Descriptors:
       *heat shock protein: EC, endogenous compound
       *lactoferrin: EC, endogenous compound
     (lactoferrin) 55599-62-7
RN
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     (lactoferrin) 55599-62-7
RN
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# Long View for STIC Online Catalog

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Displaying Record: 1 of 1

Title	Gut: journal of the British Society of Gastroenterology.
Imprint	London: British Medical Association, 1960-
Dates of Pub	Vol. 1 (Mar. 1960)-
Description	v. : ill. ; 25 cm.
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Contributors	British Society of Gastroenterology. British Medical Association.
Frequency	Monthly
Notes	Cancelled with Dec. 1999. Available on ADONIS, v. 32, no. 1 (1991) - v. 51, no. 6 (2002) Description based on: Vol. 28, no. 2 (Feb. 1987); title from cover.
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ISSN	0017-5749

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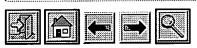
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